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WHAT IS CLAIMED IS:

1. A laser imager for recording an image on an image recording medium, comprising:

- a) a laser light source emitting a first laser beam;
 - b) a first optical system converting said first laser beam to a second laser beam;
 - c) a Grating Light Valve[™] which receives said second laser beam and generates a modulated third beam, said Grating Light Valve[™] comprising reflecting members and a window a small distance away from said reflecting members; and
 - d) a second optical system comprising a focusing lens for focusing said third beam on said image recording medium, wherein

said first optical system comprises:

a bending element bending said first laser beam to convert said first beam to said second laser beam, and

the normal to the Grating Light ValveTM forms a nonzero angle θxz with said second laser beam.

- The laser imager according to claim 1, wherein said first optical system further comprises:
 a lens placed between said laser light source and said bending element.
- 3. The laser imager according to claim 2, wherein said angle θxz is at least 4° and not more than 20°.
- 4. The laser imager according to claim 3, wherein

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said bending element comprises a total internal reflection prism.

- 5. A laser imager for recording an image on an image recording medium, comprising:
 - a) a laser light source emitting a first laser beam;
 - b) a first optical system converting said first laser beam to a second laser beam;
- c) a Grating Light Valve[™] which receives said second laser beam and generates a modulated third beam, said Grating Light Valve[™] comprising reflecting members and a window a small distance away from said reflecting members; and
- d) a second optical system for converting said third beam to a fourth light beam focused on said image recording medium, wherein

said second optical system comprises:

a bending element bending said third laser beam to convert said third beam to said fourth laser beam, and

the normal to the Grating Light ValveTM forms a nonzero angle θxz with said second laser beam.

- 6. The laser imager according to claim 5, wherein said angle θxz is at least 4° and not more than 20°.
- 7. The laser imager according to claim 6, wherein said bending element comprises a total internal reflection prism.
- 8. A laser imager for recording an image on an image recording medium,25 comprising:

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- a) a laser light source emitting a laser beam; and
- b) an optical system, changing an optical axis direction of said light beam for focusing said light beam on said image recording medium, comprising:
- b-1) a reflection type spatial light modulator comprising a reflection part and a protective glass member arranged on said reflection part for receiving said light beam in a first direction and reflecting said light beam in a second direction inclined from said first direction to modulate said light beam, and
- b-2) at least one optical element arranged in an optically serial order with said spatial light modulator for bending the optical axis direction of said light beam.
 - 9. The laser imager according to claim 8, wherein said at least one optical element comprises a prism.
- 10. The laser imager according to claim 9, wherein said light beam reaches said spatial light modulator via said at least one optical element.
- 11. The laser imager according to claim 9, wherein
 said light beam is reflected by said spatial light modulator and thereafter
 20 incident upon said at least one optical element.